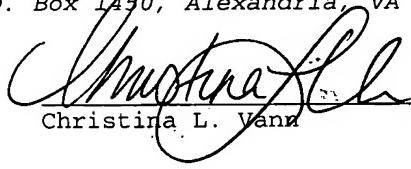


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1490, Alexandria, VA 22313-1450 on October 9, 2003.


Christina L. Vann

Appl No. : 10/040,932 Confirmation No. 3793
Applicant : Kristine B. Fuimaono, et al.
Filed : December 31, 2001
Title : CATHETER HAVING MULTIPLE SPINES EACH HAVING
ELECTRICAL MAPPING AND LOCATION SENSING
CAPABILITIES

TC/A.U. : 3739
Examiner : Lee S. Cohen

Docket No. : 39582/KMO/W112
Customer No. : 23363

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AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Post Office Box 7068
Pasadena, CA 91109-7068
October 9, 2003

Commissioner:

In response to the Office action of June 9, 2003, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of this paper.